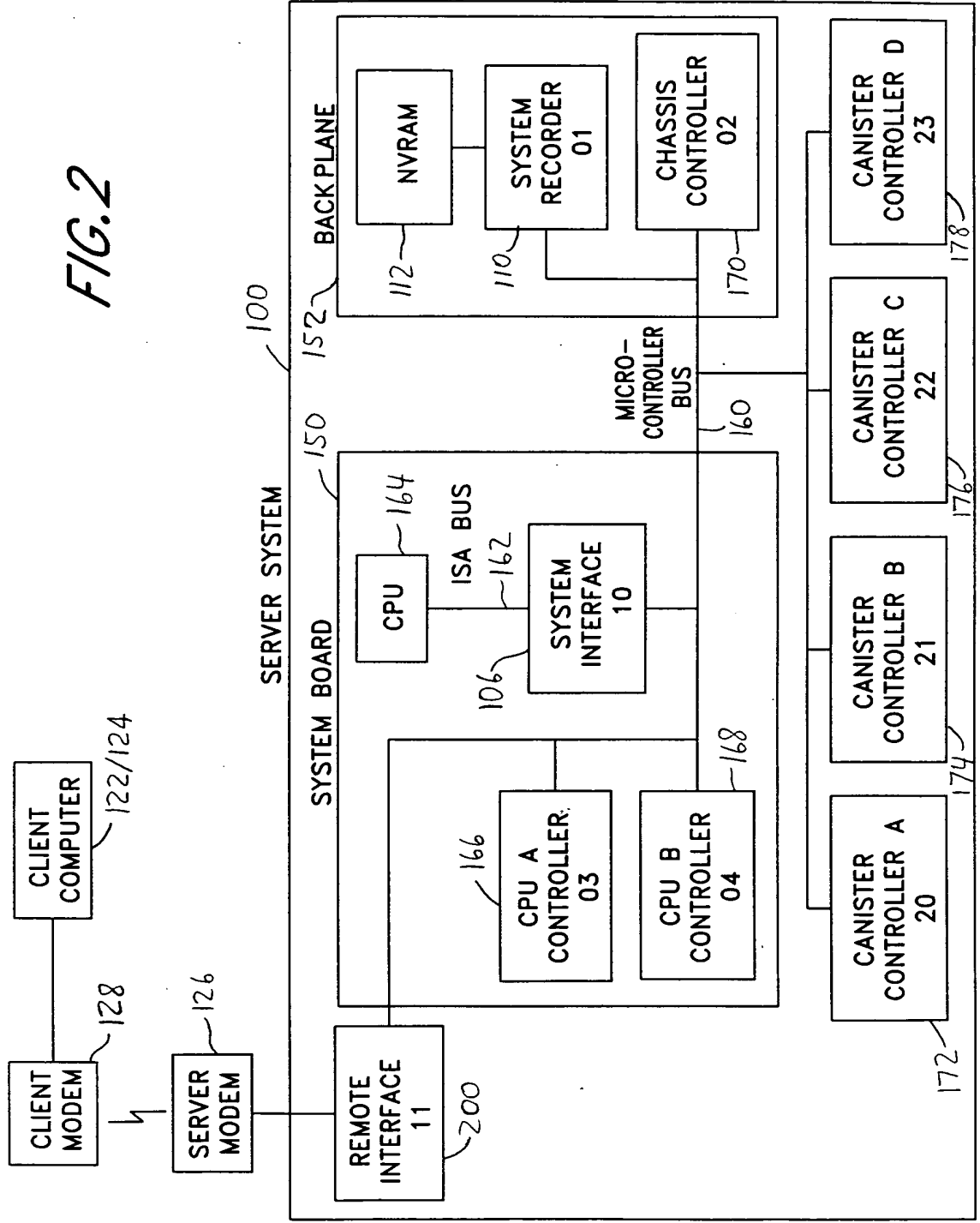


FIG. 1

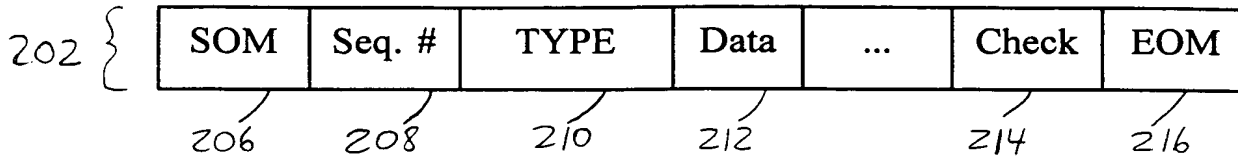
FIG. 2



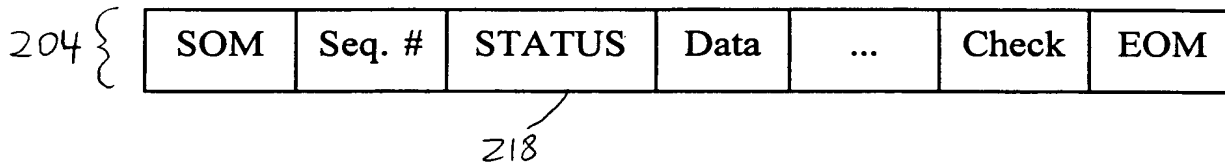
Remote Interface Serial Protocol Message Formats

201
↓

Request:



Response:



Event Interrupt

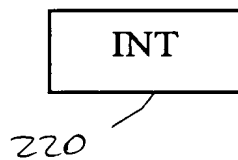
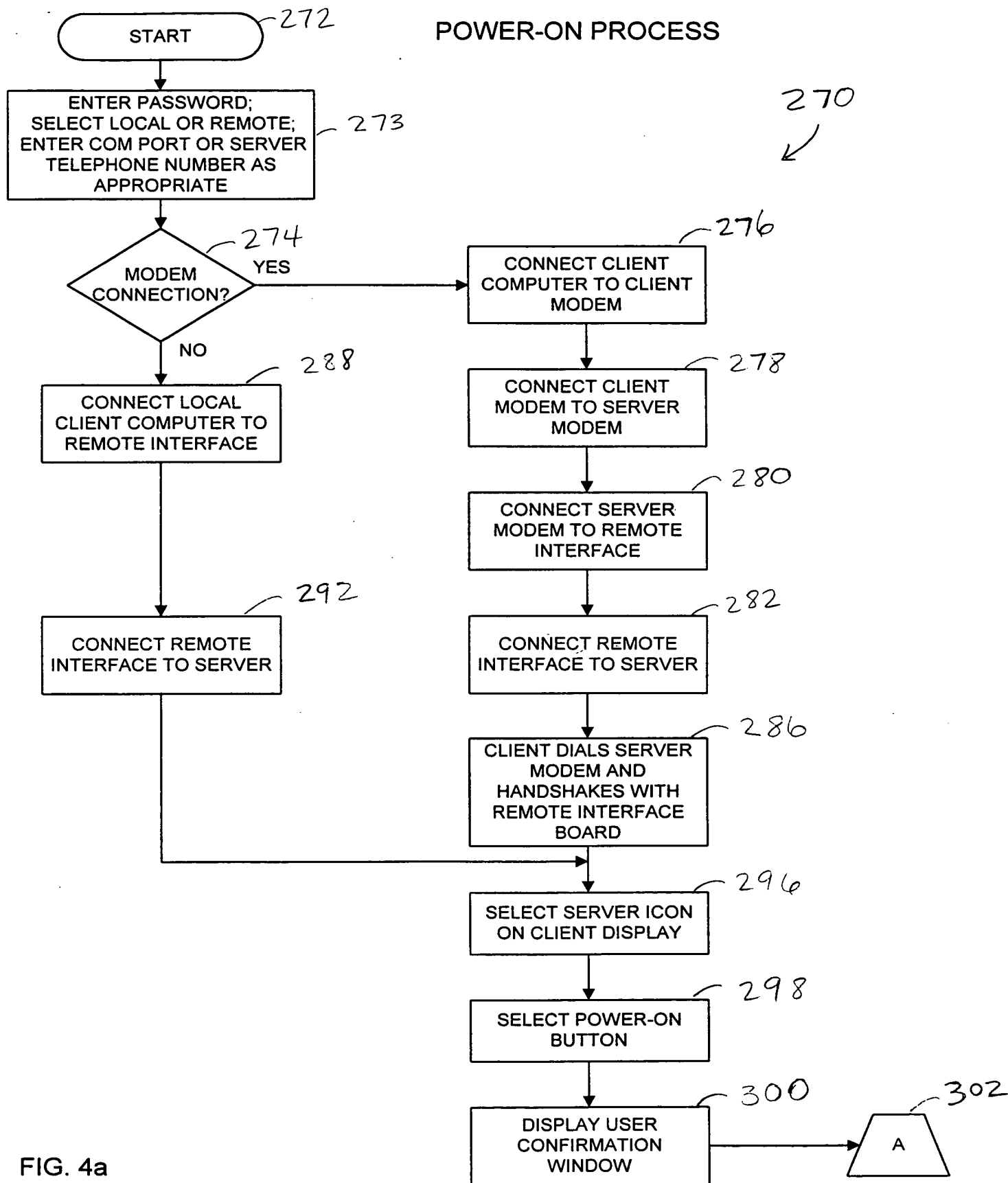


FIG. 3

08942071.100197
26T00T 2024680

26T00T 2024680

POWER-ON PROCESS



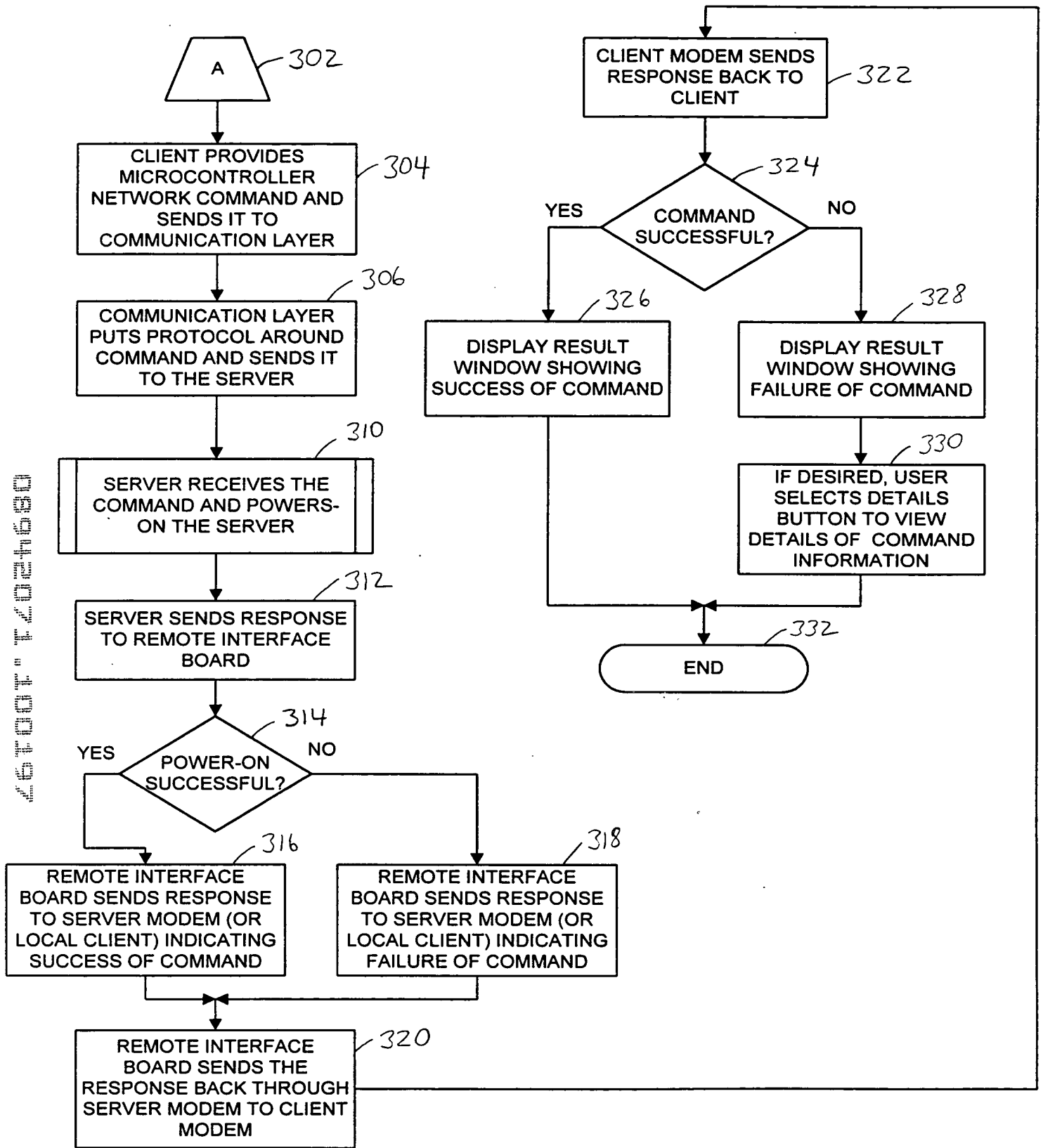


FIG. 4b

0899071-100197

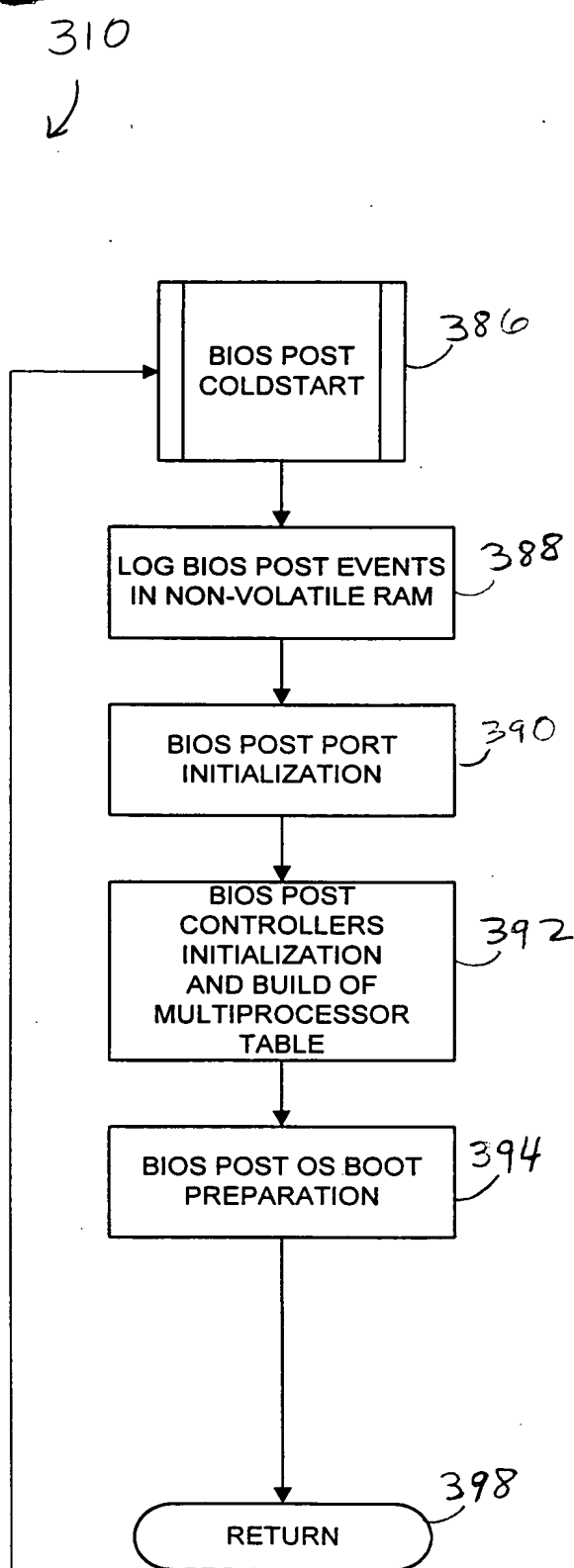
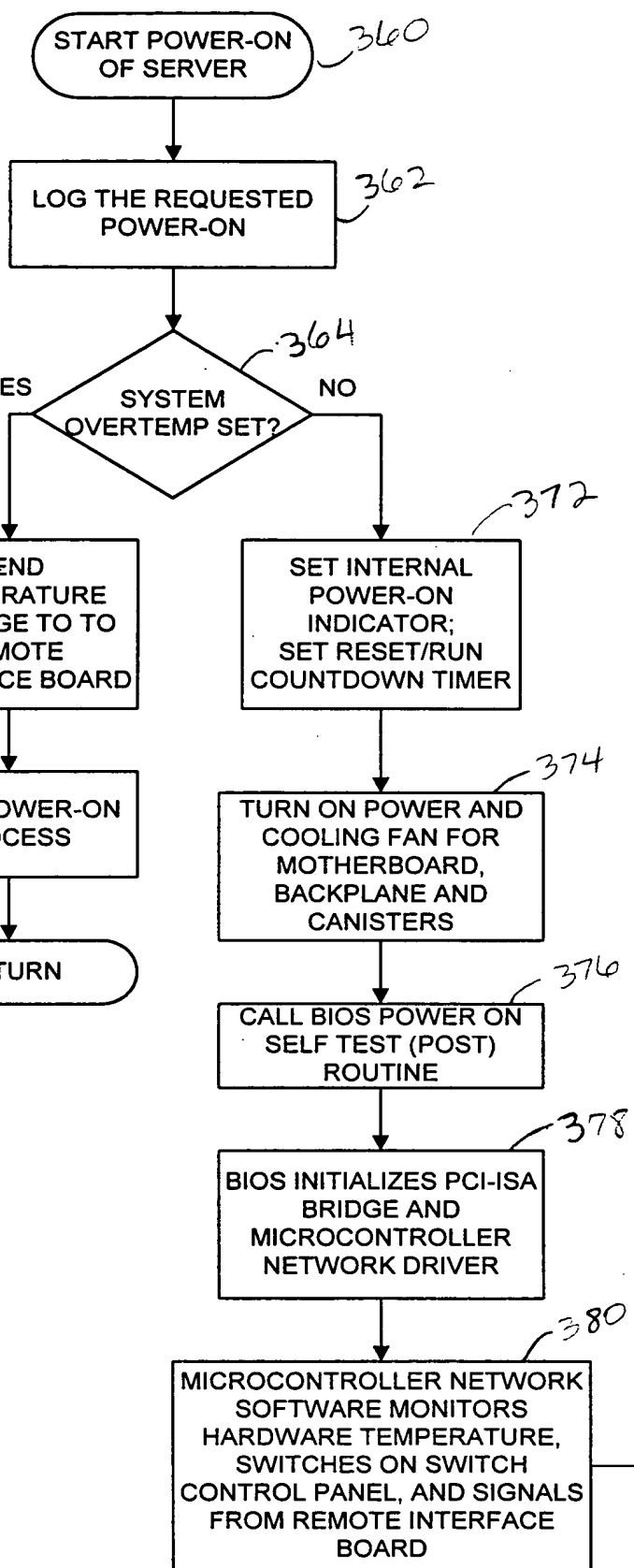


FIG. 5

0894201 1001 261001 2024680

POWER-OFF PROCESS

420
↓

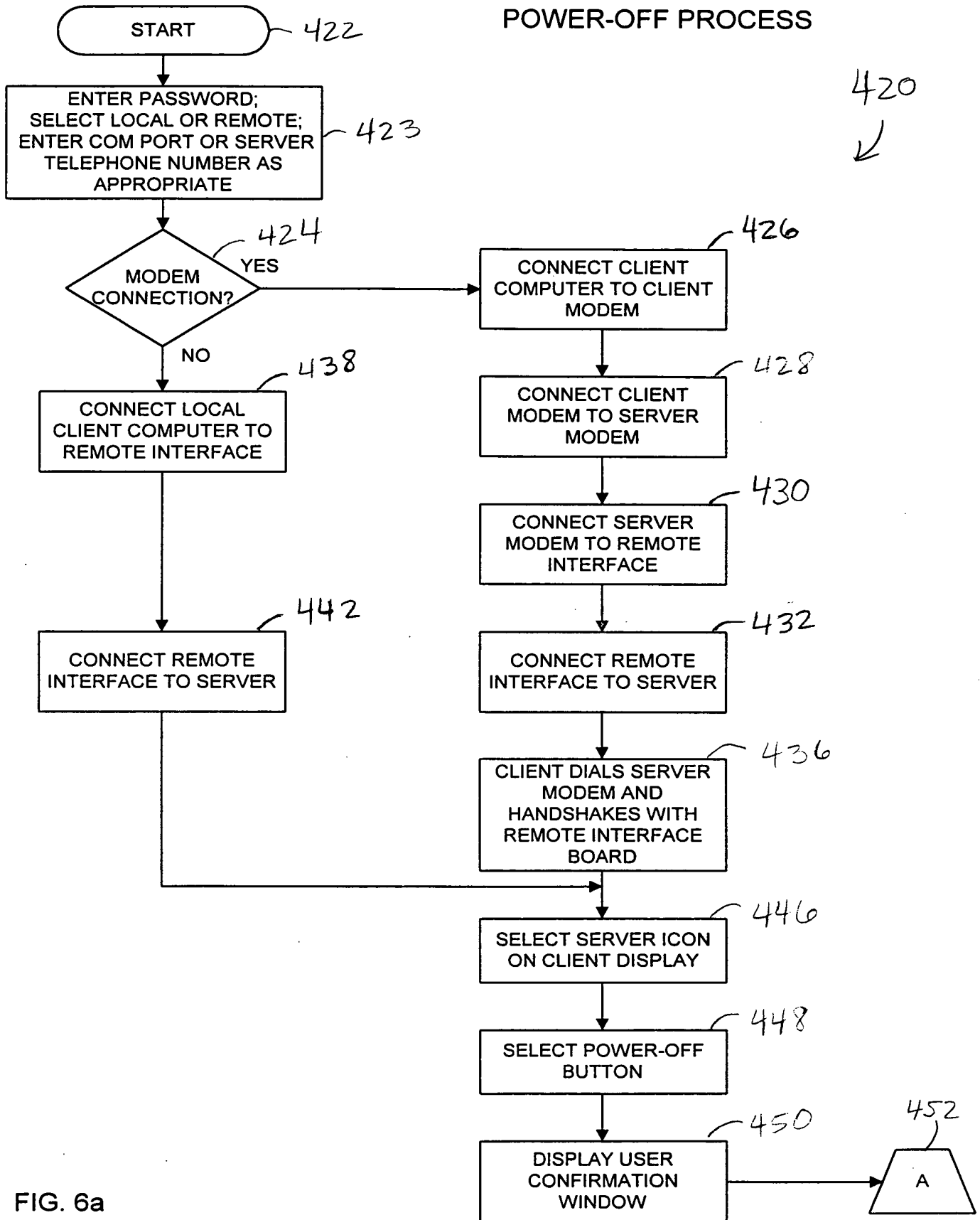


FIG. 6a

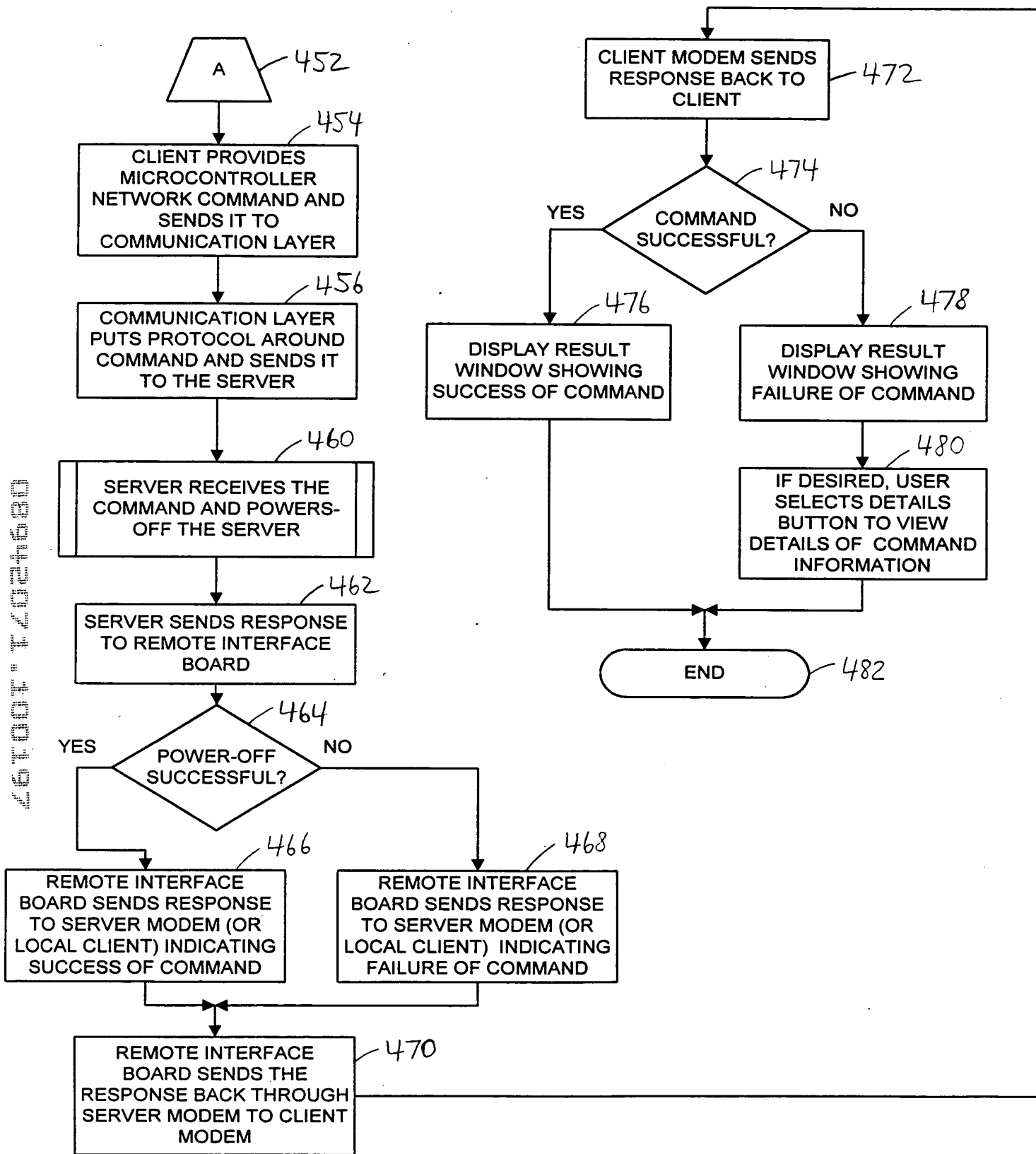
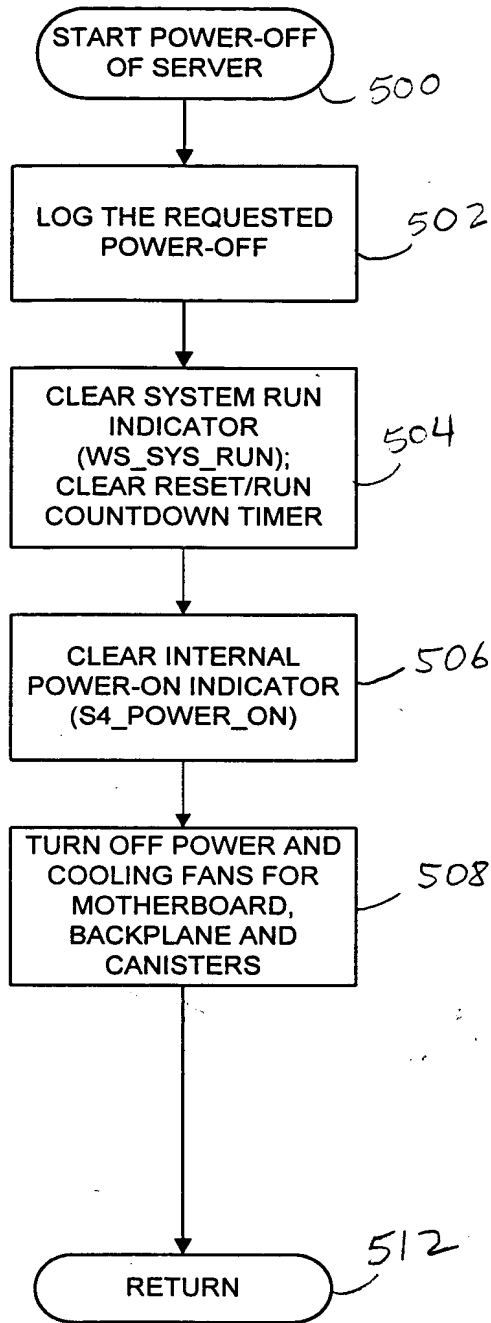


FIG. 6b

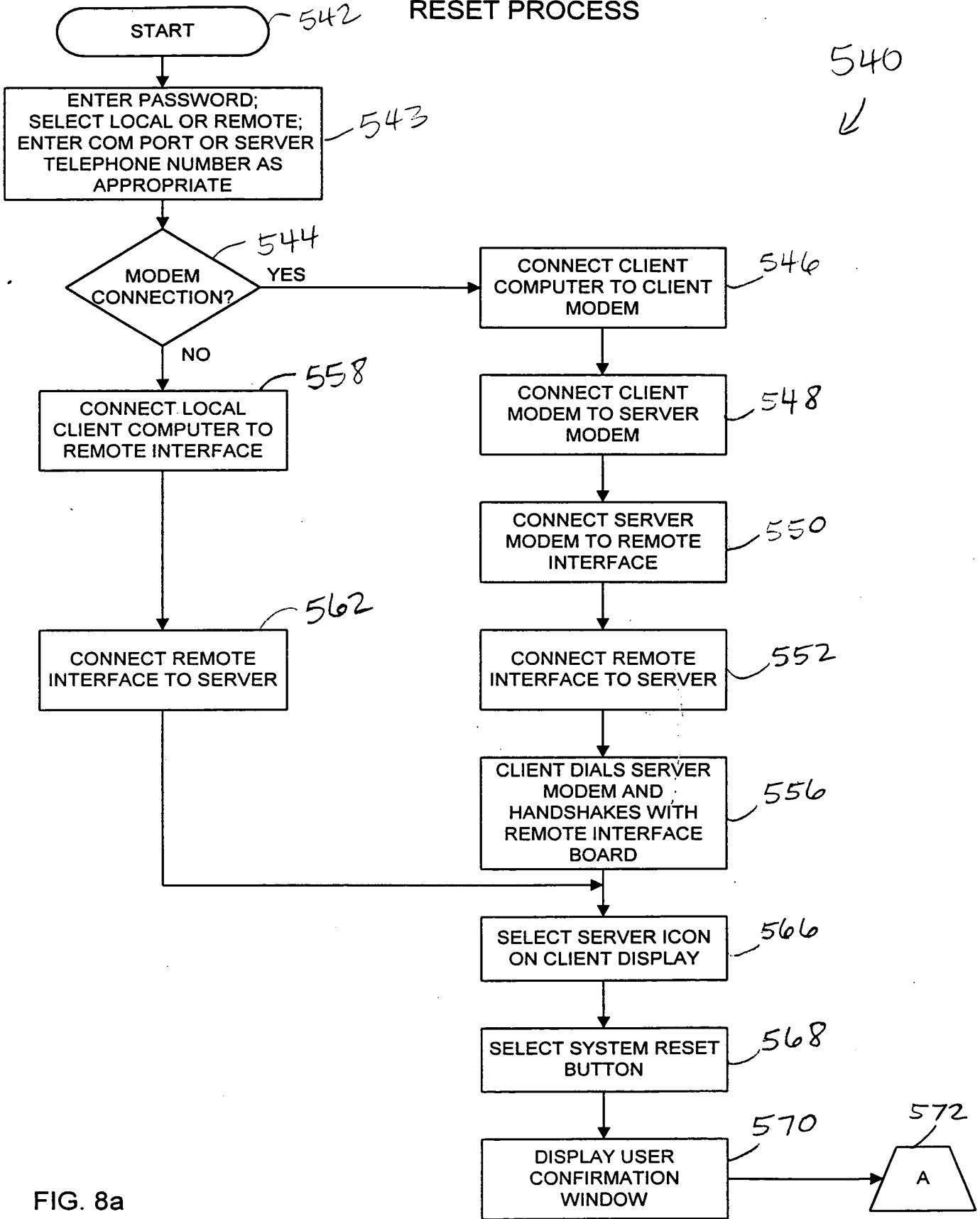


460
↓

FIG. 7

08942071.100197

RESET PROCESS



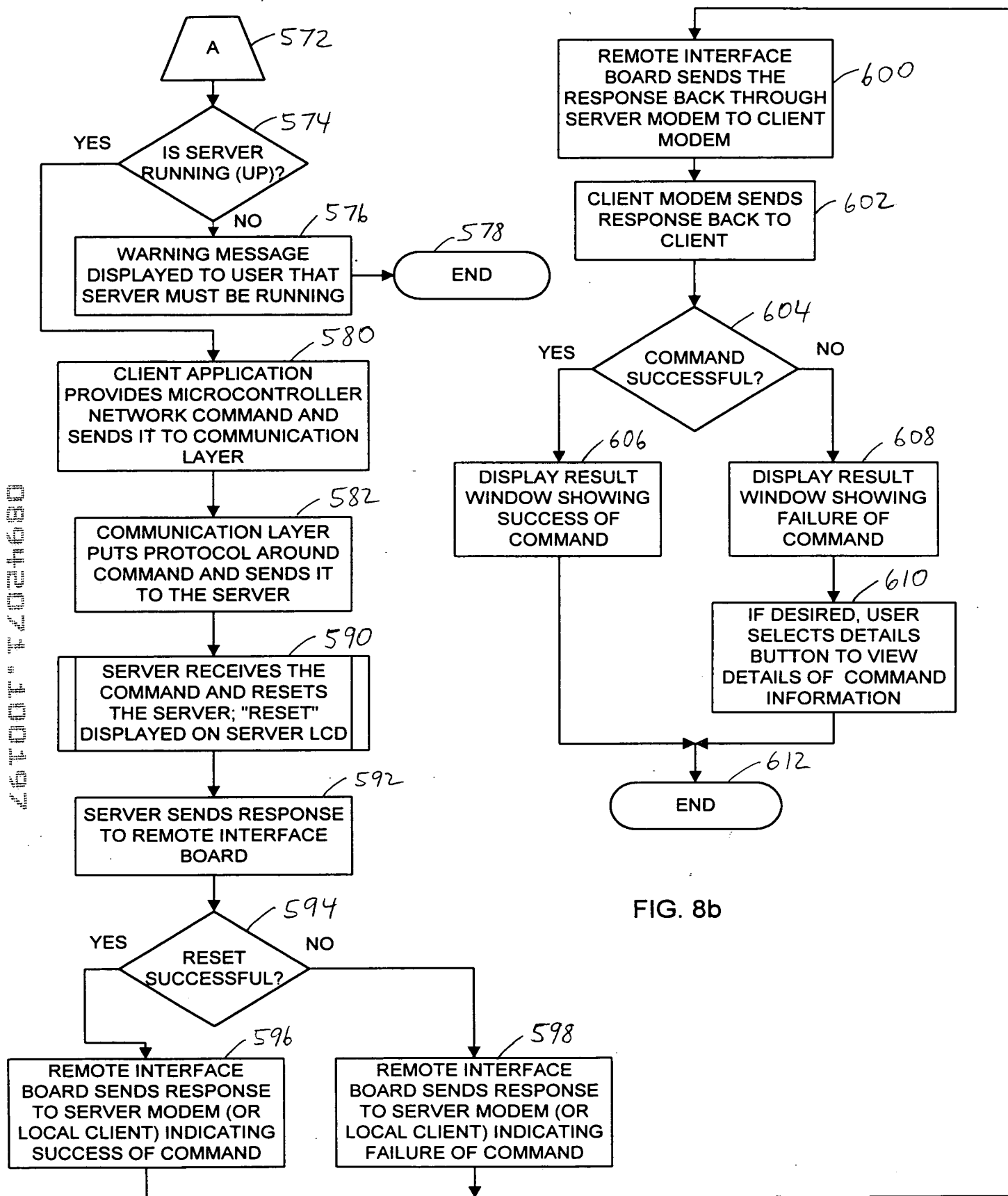
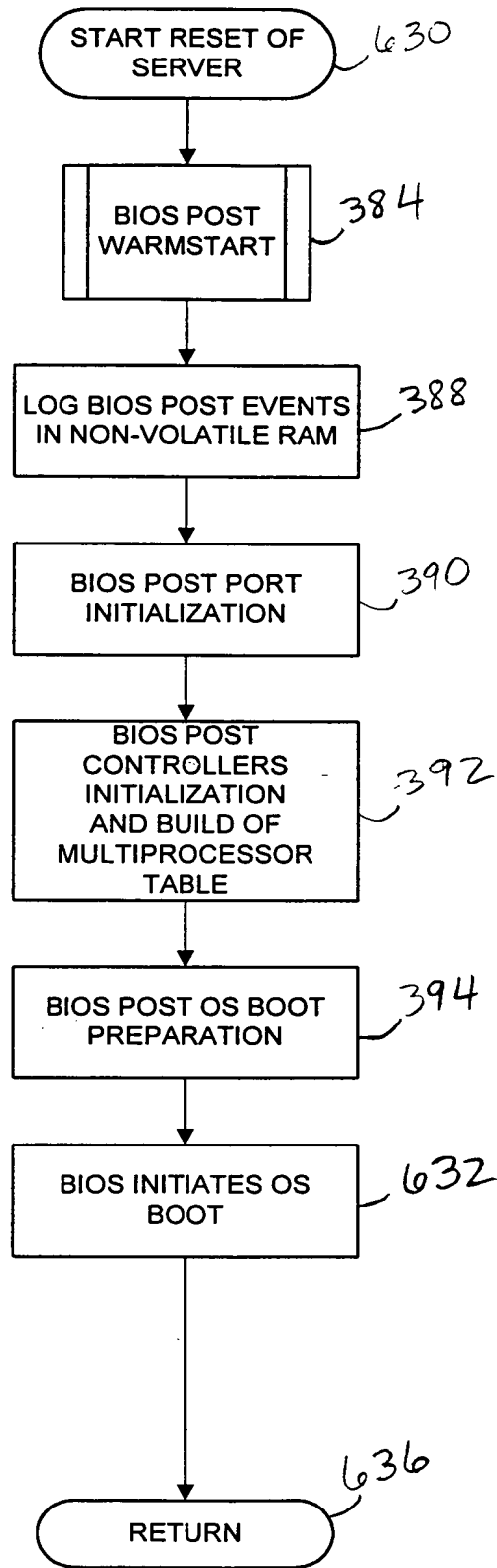


FIG. 8b



590



FIG. 9

DISPLAYING FLIGHT RECORDER PROCESS

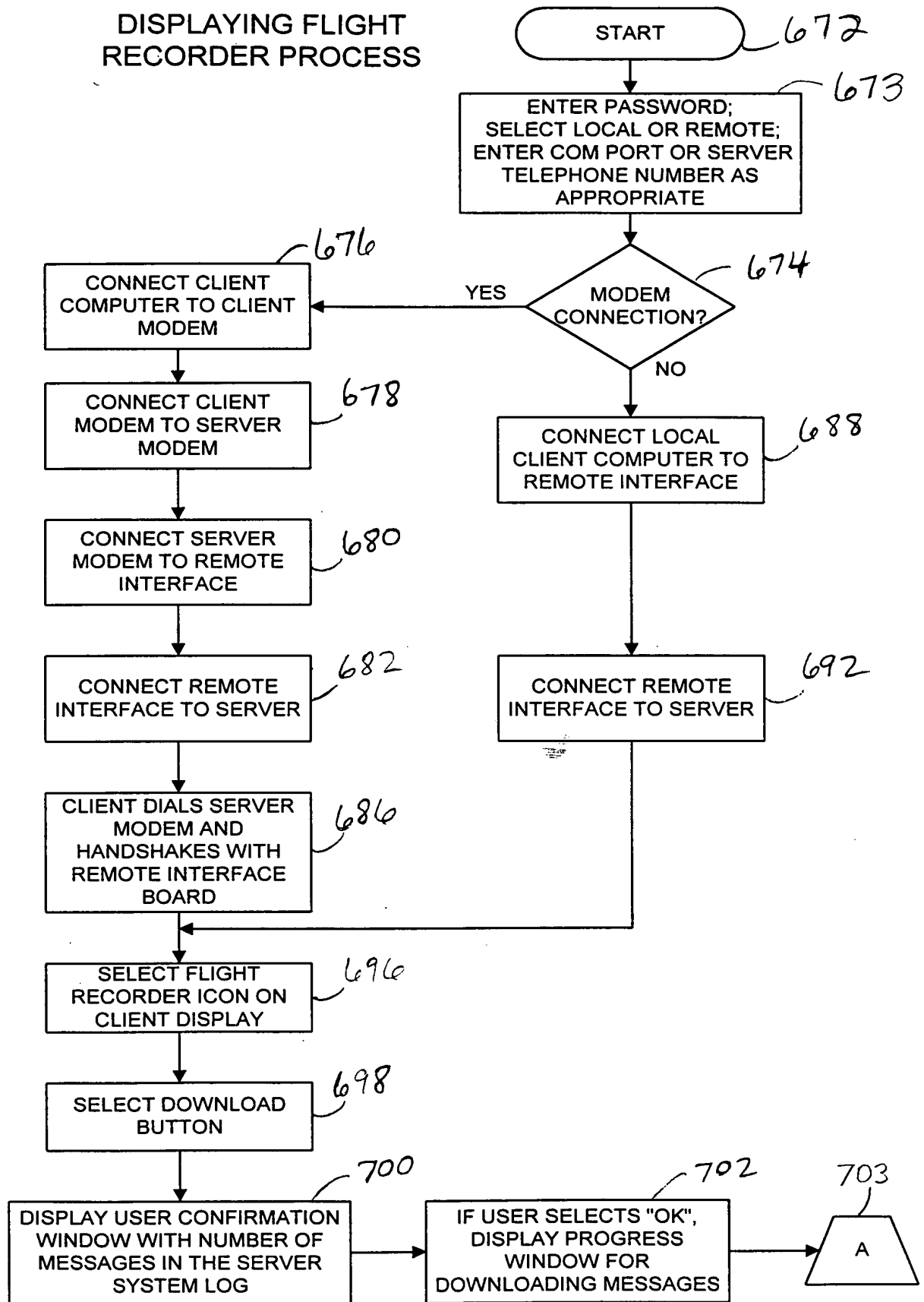


FIG. 10a

00044031-100197

0894202 100492 26T00T 12024680

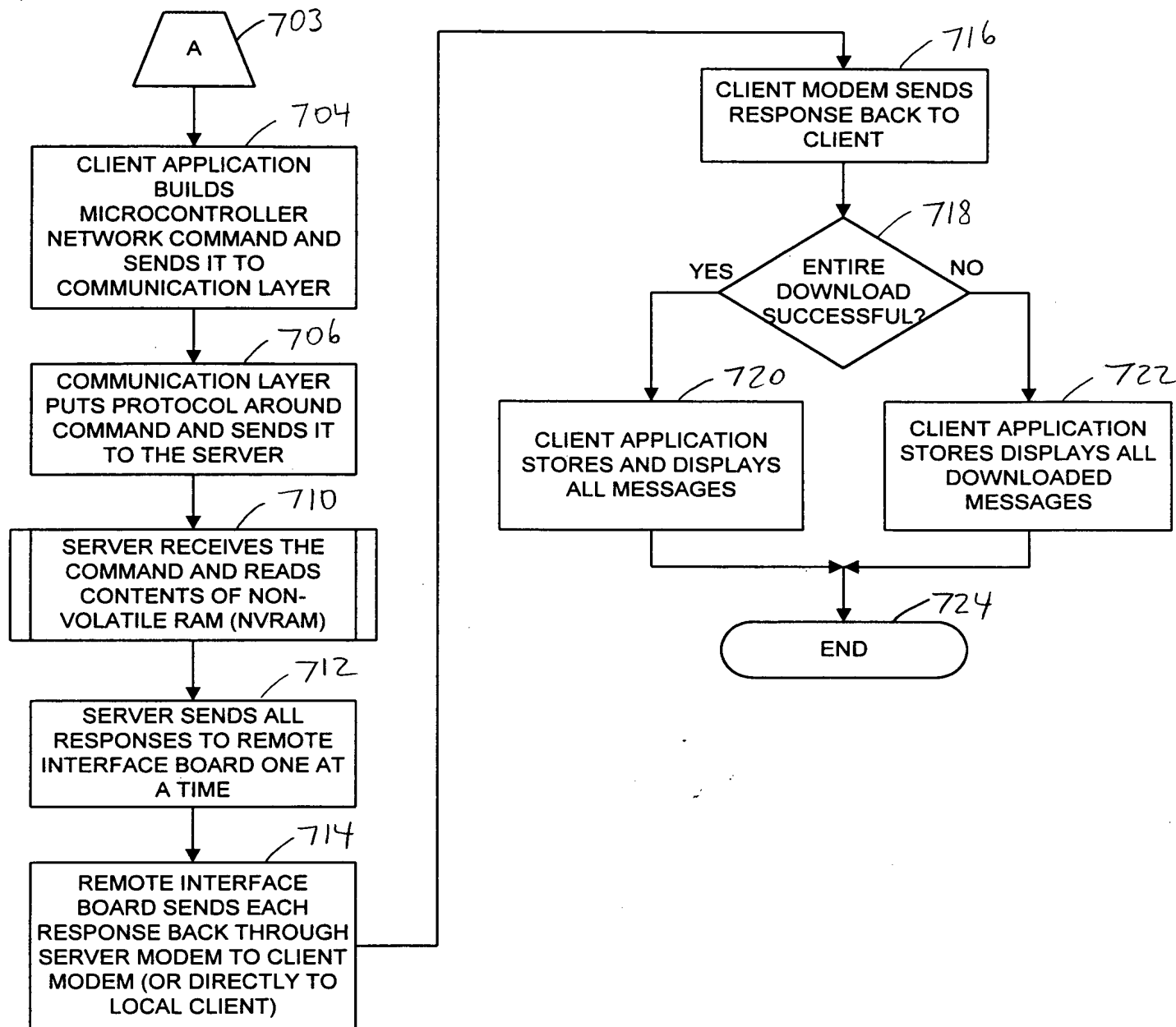


FIG. 10b

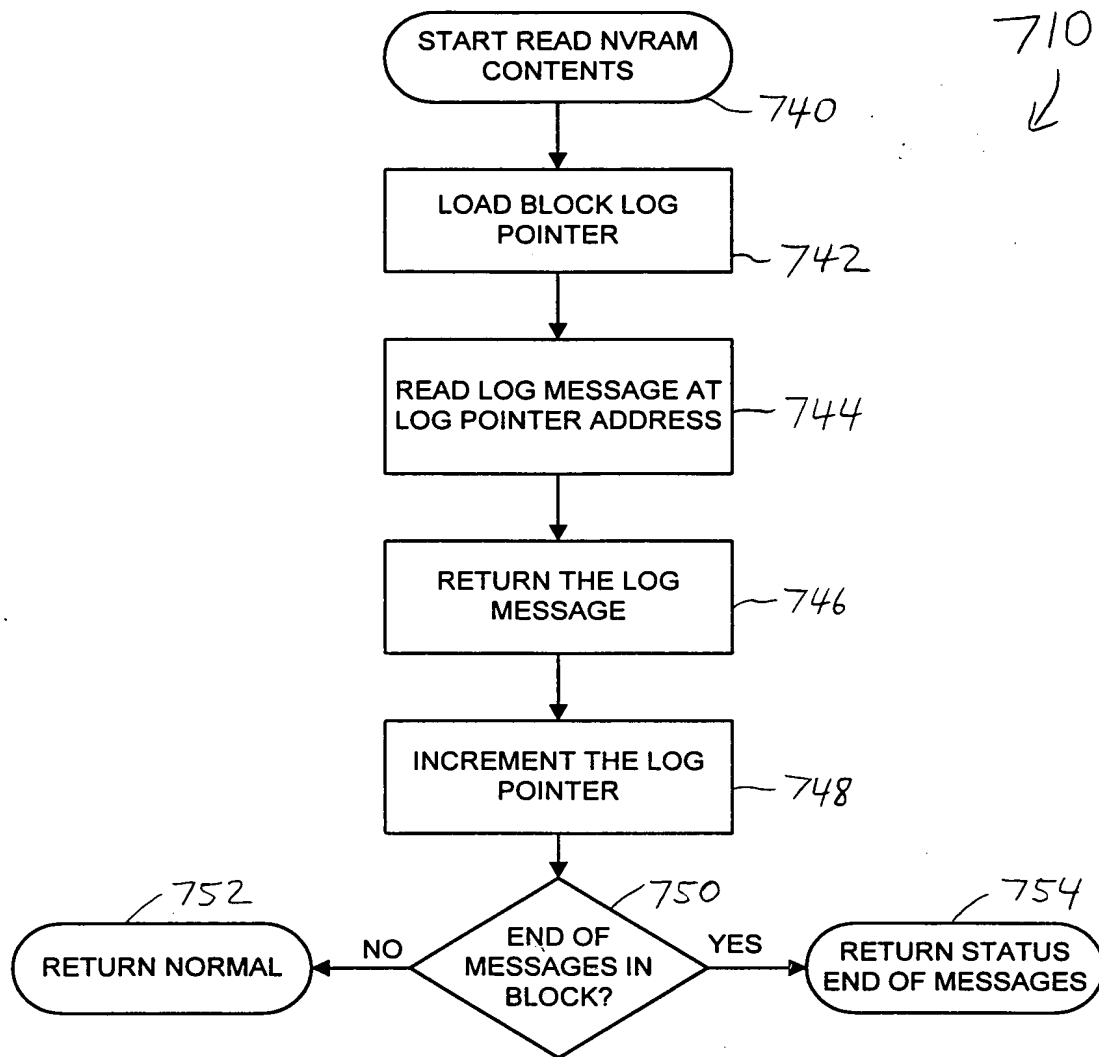


FIG. 11

Microcontroller Network Bus 160

A

152

Backplane

Power from Bias +5v

170

Chassis
Controller
PIC16c74

Analog

- Chassis Type Detection
- Canister SN Detection
- Motherboard SN Detection
- Backplane SN Detection
- PS Control/Monitoring
- PS On Switch
- PS On Signal
- PS SN Detection
- PS DC OKs
- PS AC OKs
- Power Voltage Level Detection
- +3v +5v +12v -12v VRef
- Power from Bias +5v
- Exhaust Temp (4/2 wire Detectors)

- Temperature Detector (2) On Backplane
- Temperature Detector (2) On Motherboard
- Ambient Temp (1/2 wire detector)
- Temperature Detector (2) On Motherboard

Power from Bias +5v

System
Recorder
PIC16c65

110

Non Volatile RAM

Address
Data
R/W/E

Power from Bias +5v

Timer Chip

Reset
Data
Clock

Power from Bias +5v

Canister Card

758

Canister
Controller

PIC16c65

172

- Canister Address Detection
- I/O Processor NMI
- PCI Card Power Control
- JTAG Control
- FRU/Fan Fault LEDs (2)
- Fan Mux
- Fan Speed Detection
- Fan Speed Control
- PCI Ext Bd Detection
- I/O Processor SN Detection

FIG. 12A

08942071-100192

08442071.100197

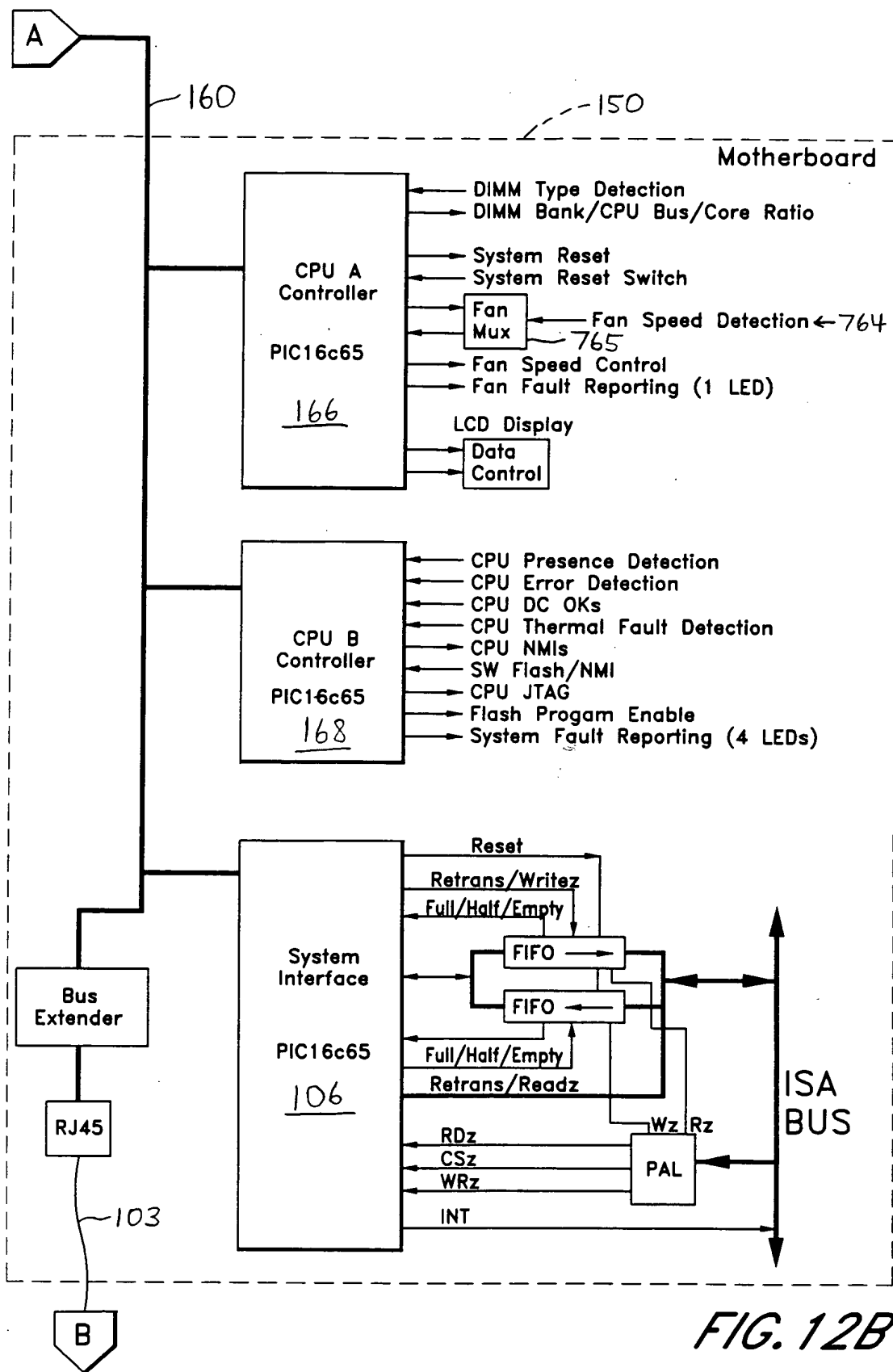


FIG. 12B

08942071.100197

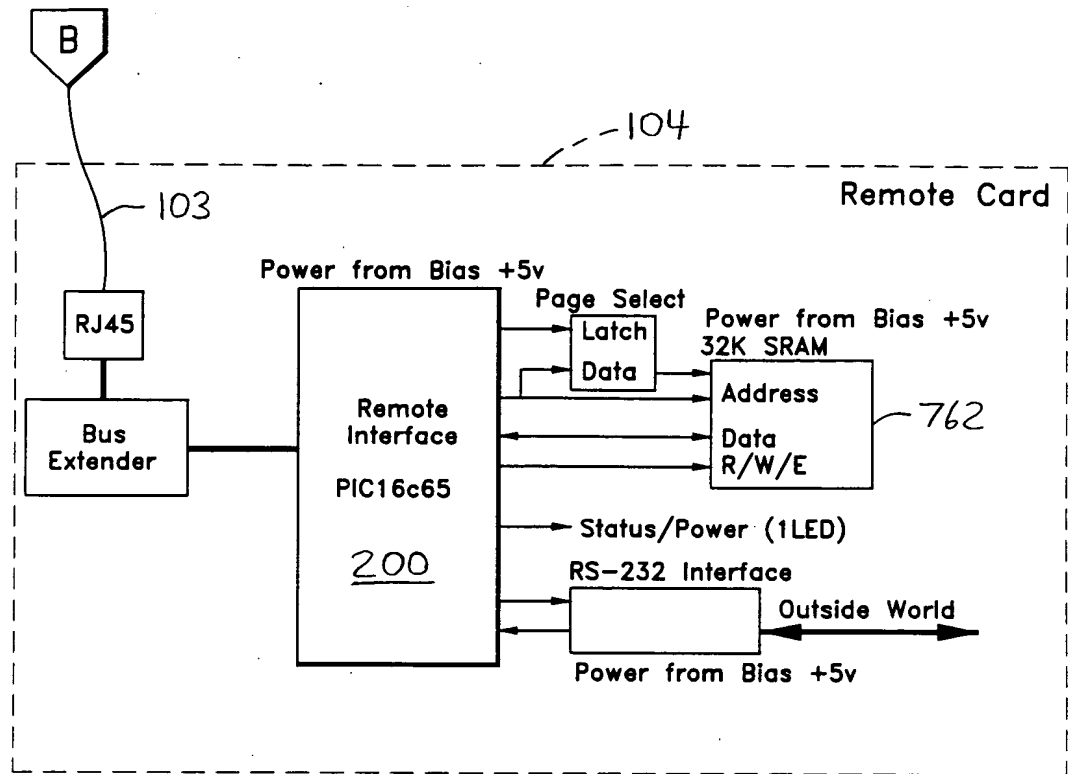


FIG. 12C

SYSTEM STATUS

770

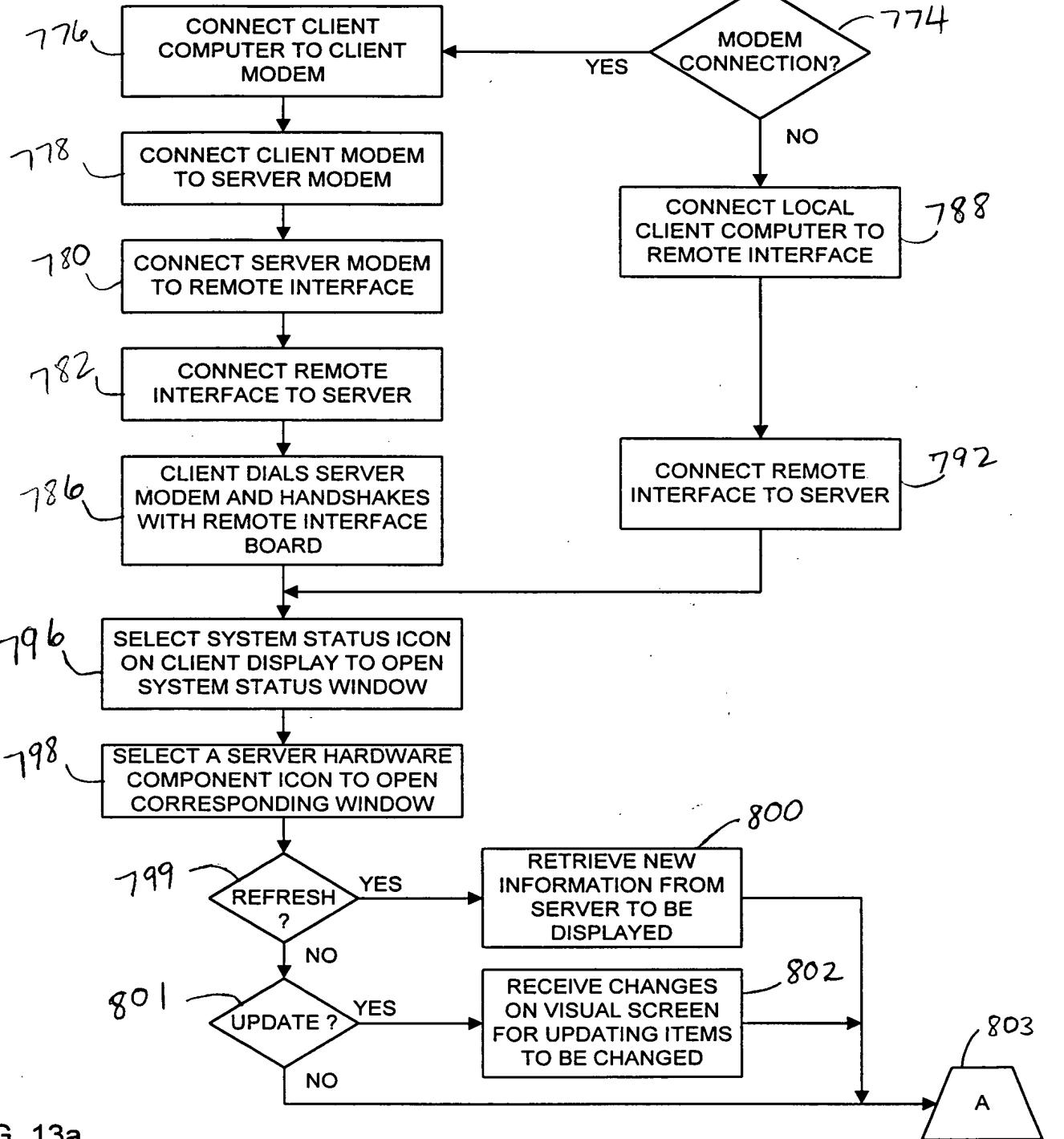


FIG. 13a

08942071.100197

FIG. 13b

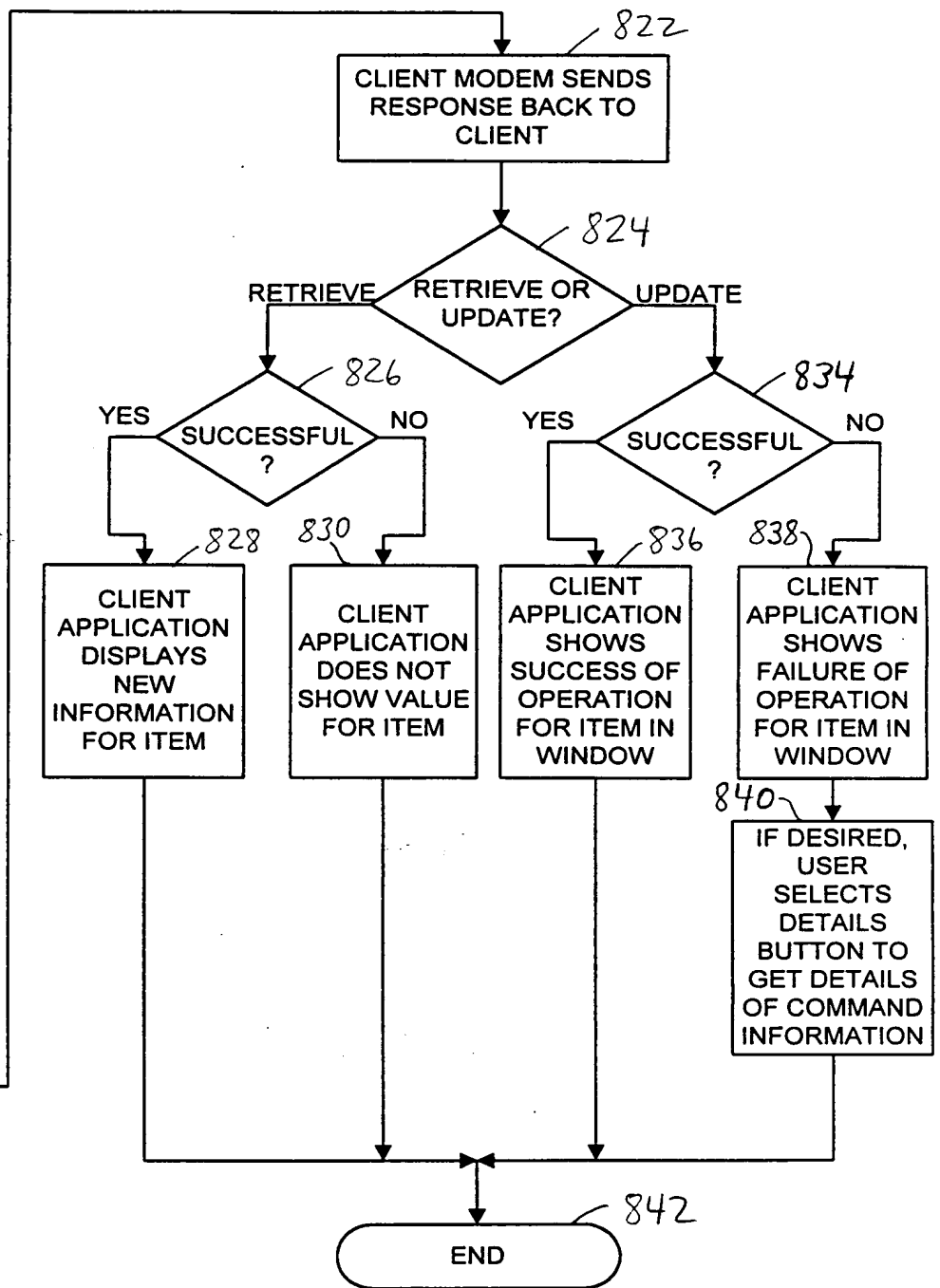
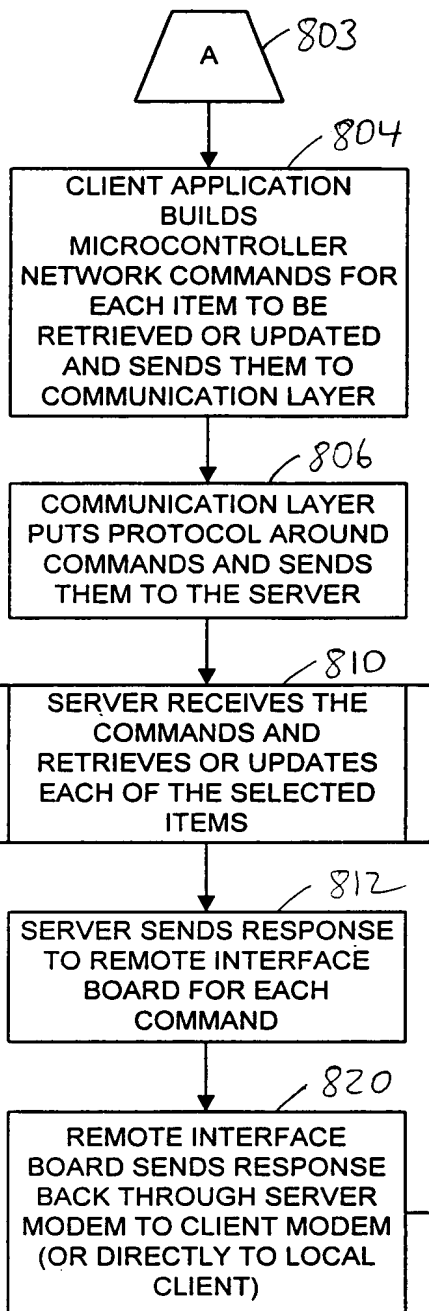


FIG. 13b

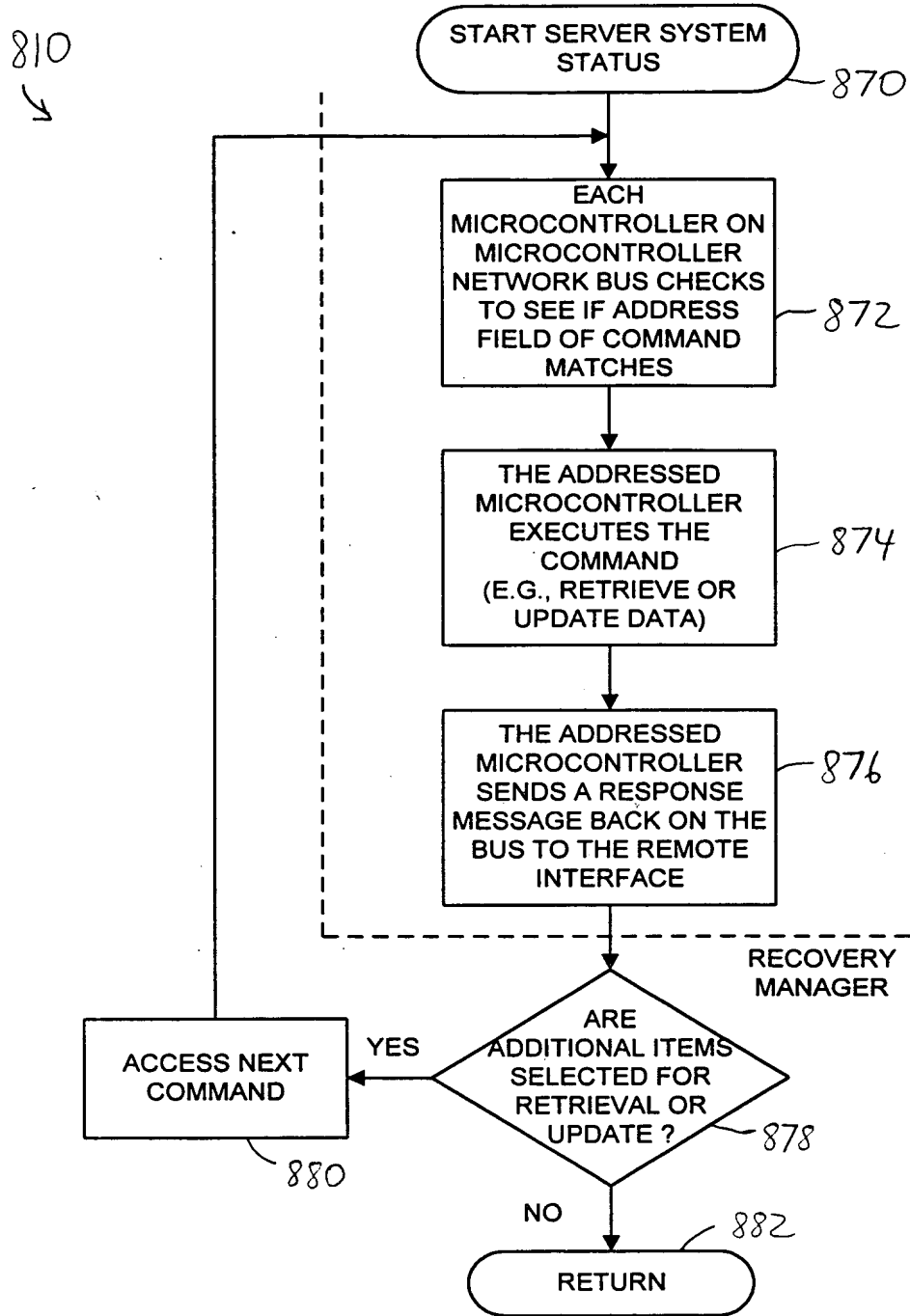


FIG. 14

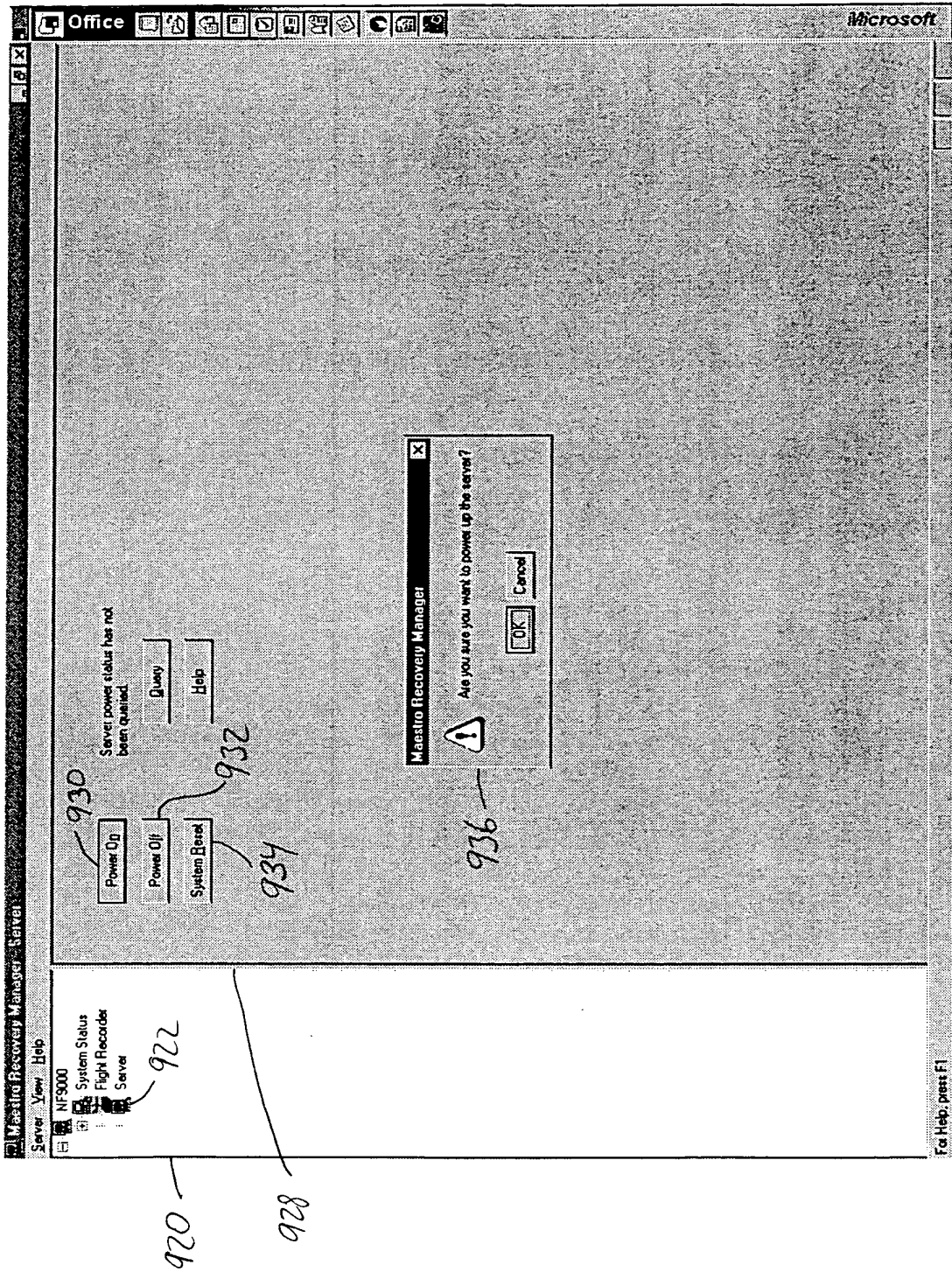


FIG. 15

946 948 950 952

Maestro Recovery Manager - Flight Recorder

Server View Help

NF9000

System Status

Flight Recorder

Server

Time Stamp	Severity	Message Source	Message
1997 Aug 29 04:10:45	Error	Write Service Internal	0x9002
1997 Aug 29 04:10:44	Informational	Write Service Internal	0x6010
1997 Aug 29 04:10:28	Warning	Write Service Internal	0x6011
1997 Aug 29 04:07:05	Informational	BIOS	Verify Real Mode
1997 Aug 29 04:04:17	Informational	BIOS	Erase F2 key prompt

Download...

Save...

Print

Help

940

942

944

954

956

958

For Help, press F1

FIG. 16

Maestro Recovery Manager - System Status

Server View Help

NF9000

- Power Supplies
- Temperatures
- Fans
- Processors
- I/O Controllers
- Serial Numbers
- Revisions
- Flight Recorder
- Server



Power Supplies



Temperatures



Fans



Processor



I/O Controllers



Serial Numbers



Revisions

972

974

976

978

980

982

984

960

962

Figure 17

26T00T* T2024680

Best Available Copy

Maestro Recovery Manager - Fans

Server View Help

- NF9000
 - System Status
 - Power Supplies
 - Temperatures
 - Fans
 - System Board
 - 976
 - 1000
 - Canister A
 - Canister B
 - Canister C
 - Canister D
 - Processors
 - I/O Canisters
 - Serial Numbers
 - Revisions
 - Flight Recorder
 - Server

Location	Fan	Speed	Speed Control	Fault Indicator LED	Fault	Low-speed fault threshold speed
System Board	1	4740	high	ON	YES	4740
	2	5180			YES	
	3	4260			YES	
	4	8520			YES	
	5	9540			no	
	6	480			no	
Canister A	1	4740	high	ON	no	4740
	2	5180			no	
Canister B	1	4740	high	ON	no	4740
	2	5180			no	
Canister C	1	4740	high	ON	no	4740
	2	5180			no	
Canister D	1	4740	high	ON	no	4740
	2	5180			no	

Refresh

Help

992

994

960

Figure 18

26T001" T 2024680

Maestro Recovery Manager - Canister A

Server View Help

- NF9000
 - System Status
 - Power Supplies
 - Temperatures
 - Fans
 - System Board
 - Canister A
 - Canister B
 - Canister C
 - Canister D
 - Processors
 - I/O Canisters
 - Serial Numbers
 - Revisions
 - Flight Recorder
 - Server

1008 Canister Present



Fan 1

Speed	4740
Fault?	No

Fan 2

Speed	5160
Fault?	No

Low speed fault threshold speed

4740

Speed Control

☒ Low

☒ High

Fault Indicator LED? ON

1004

1010

1006

Refresh

Update

Help

1002

1012

1024

Figure 19